

JC20 Rec'd PCT/PTO 27 MAY 2005

SEQUENCE LISTING

<110> Imperial College Innovations

<120> Control of Apoptosis

<130> ICOY/P29703PC

<160> 19

<170> PatentIn version 3.1

<210> 1

<211> 36

<212> PRT

<213> Artificial

<220>

<223> Derivative of SAP18

<220>

<221> MISC_FEATURE

<222> (1)..(3)

<223> A linker amino acid sequence

<400> 1

Xaa Xaa Xaa Met Ala Val Glu Ser Arg Val Thr Gln Glu Glu Ile Lys
1 5 10 15

Lys Glu Pro Glu Lys Pro Ile Asp Arg Glu Lys Thr Cys Pro Leu Leu
20 25 30

Leu Arg Val Phe
35

<210> 2

<211> 32

<212> PRT

<213> Artificial

<220>

<223> Derivative of MAD1

<220>
 <221> MISC_FEATURE
 <222> (1)..(3)
 <223> A linker amino acid sequence

<400> 2

Xaa Xaa Xaa Met Asn Ile Gln Met Leu Leu Glu Ala Ala Asp Tyr Leu
 1 5 10 15

Glu Arg Arg Glu Arg Glu Ala Glu His Gly Tyr Ala Ser Met Leu Pro
 20 25 30

<210> 3
 <211> 10
 <212> PRT
 <213> Artificial

<220>
 <223> NLS peptide sequence

<400> 3

Asp Asp Asp Pro Lys Lys Lys Arg Lys Val
 1 5 10

<210> 4
 <211> 16
 <212> PRT
 <213> Artificial

<220>
 <223> Antennapedia homeodomain based penetratins

<400> 4

Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
 1 5 10 15

<210> 5
 <211> 15
 <212> PRT
 <213> Artificial

<220>

<223> TAT penetratin

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Cys-acetamidomethyl

<400> 5

Xaa	Gly	Arg	Lys	Lys	Arg	Arg	Gln	Arg	Arg	Arg	Pro	Pro	Gln	Cys
1				5				10						15

<210> 6

<211> 911

<212> DNA

<213> Homo sapiens

<400> 6

tgattgaaga caccctctcg tccaagaatg caaagcacat ccaataaaat agctggatta
60

taactcctct tctttctctg ggggccgtgg ggtgggagct ggggcgagag gtgccgttgg
120

ccccgttgc ttttctctg ggaaggatgg cgcacgctgg gagaacgggg tacgacaacc
180

gggagatagt gatgaagtac atccattata agctgtcgca gaggggctac gagtgggatg
240

cgggagatgt gggcgccgcg cccccggggg ccgccccgc accgggcac tctctctccc
300

agcccgggca cacgccccat ccagccgcat ccgcgaccc ggtcgccagg acctcgccgc
360

tgcagacccc ggctgcccc ggcgccgcg cggggcctgc gctcagccc gtgccacctg
420

tgggccacct ggccctccgc caagccggcg acgacttctc ccgccgtac cgcggcgact
480

tcgccgagat gtccagccag ctgcacctga cgcccttcac cgcgcgggga cgctttgcc
540

cggtggtgga ggagctcttc agggacgggg tgaactgggg gaggattgtg gccttctttg
600

agttcggtgg ggtcatgtgt gtggagagcg tcaaccggga gatgtcgccc ctggtggaca
660

acatcgccct gtggatgact gagtacctga accggcacct gcacacctgg atccaggata
720

acggaggctg ggtaggtgca tctggtgatg tgagtctggg ctgaggccac aggtccgaga
780

tcgggggttg gagtgcgggt gggctcctgg gcaatgggag gctgtggagc cggcgaaata
840

aatcagagt tgttgcttcc cggcgtgtcc ctacctctc ctctggacaa agcgttcact
900

cccaacctga c
911

<210> 7
<211> 6030
<212> DNA
<213> Homo sapiens

<400> 7
gttgcccc gttacttttc ctctgggaaa tatggcgcac gctgggagaa cagggtacga
60

taaccgggag atagtgatga agtacatcca ttataagctg tcgcagaggg gctacgagtg
120

ggatgcggga gatgtgggag ccgcgcccc gggggccgcc cccgcgccgg gcatcttctc
180

ctgcagccc gggcacacgc ccatacagc cgcattcccg gaccgggtcg ccaggacctc
240

gccgctgcag accccggctg ccccgggcgc cgccgcgggg cctgcgctca gcccggtgcc
300

acctgtggtc cacctgacct tccgccaggc cggcgacgac ttctcccgcc gctaccgccc
360

cgacttcgcc gagatgtcca ggcagctgca cctgacgccc ttcaccgcgc ggggacgctt

420

tgccacggtg gtggaggagc tcttcaggga cggggtgaac tgggggagga ttgtggcctt
480

ctttgagttc ggtgggggtca tgtgtgtgga gagcgtcaac cgggagatgt cgcccctggt
540

ggacaacatc gccctgtgga tgactgagta cctgaaccgg cacctgcaca cctggatcca
600

ggataacgga ggctgggatg cctttgtgga actgtacggc cccagcatgc ggccctctgtt
660

tgatttctcc tggctgtctc tgaagactct gctcagtttg gccctggtgg gagcttgcatt
720

caccctgggt gcctatctgg gccacaagtg aagtcaacat gcctgccccca aacaaatatg
780

caaaagggtc actaaagcag tagaaataat atgcattgtc agtgaatgtc catgaacaaa
840

agctgcaggc tgtttaagaa aaaataaac acatataaac atcacacaca cagacagaca
900

cacacacaca caacaattaa cagtcttcag gcaaaacgtc gaatcagcta ttactgccca
960

aagggaata tcatttattt ttacattat taagaaaaaa agatttattt atttaagaca
1020

gtcccatcaa aactcctgtc ttggaaatc cgaccactaa ttgccaagca ccgcttcgtg
1080

tggctccacc tggatgttct gtgcctgtaa acatagattc gctttccatg ttgttggccg
1140

gatcaccatc tgaagagcag acggatggaa aaaggacctg atcattgggg aagctggctt
1200

tctggctgct ggaggctggg gagaagggtg tcattcactt gcatttcttt gccctggggg
1260

ctgtgatatt aacagaggga ggttcctgt ggggggaagt ccatgcctcc ctggcctgaa
1320

gaagagactc tttgcatatg actcacatga tgcataacctg gtgggaggaa aagagttggg

1380

aacttcagat ggacctagta cccactgaga tttccacgcc gaaggacagc gatgggaaaa
1440

atgcccttaa atcataggaa agtatTTTTT taagctacca attgtgccga gaaaagcatt
1500

ttagcaattt atacaatatc atccagtacc ttaagccctg attgtgtata ttcatatatt
1560

ttggatacgc accccccaac tccaataact ggctctgtct gagtaagaaa cagaatcctc
1620

tggaacttga ggaagtgaac atttcggtga cttccgcatac aggaaggcta gagttacca
1680

gagcatcagg ccgccacaag tgccctgcttt taggagaccg aagtcgcag aacctgcctg
1740

tgtcccagct tggaggcctg gtcctggaac tgagccgggg cctcactgg cctcctccag
1800

ggatgatcaa cagggcagtg tggctctcga atgtctggaa gctgatggag ctcagaattc
1860

cactgtcaag aaagagcagt agaggggtgt ggctgggcct gtcaccctgg ggccctccag
1920

gtaggcccg tttcacgtgg agcatgggag ccacgaccct tcttaagaca tgtatcactg
1980

tagagggaag gaacagaggc cctgggcccct tcctatcaga aggacatggt gaaggctggg
2040

aacgtgagga gaggcaatgg ccacggccca ttttggctgt agcacatggc acgttggtg
2100

tgtggccttg gccacctgt gagtttaaag caaggcttta aatgactttg gagaggggtca
2160

caaatcctaa aagaagcatt gaagtgaggt gtcatggatt aattgacccc tgtctatgga
2220

attacatgta aaacattatc ttgtcactgt agtttggttt tatttgaaaa cctgacaaaa
2280

aaaaagttcc aggtgtggaa tatggggggtt atctgtacat cctggggcat taaaaaaaaa

2340

atcaatggtg gggaaactata aagaagtaac aaaagaagtg acatcttcag caaataaact
2400

aggaaatfff tttttcttcc agtttagaat cagccttgaa acattgatgg aataactctg
2460

tggcattatt gcattatata ccatttatct gtattaaactt tggaatgtac tctgttcaat
2520

gtttaatgct gtggttgata tttcgaaagc tgctttaaaa aaatacatgc atctcagcgt
2580

ttttttgttt ttaattgtat ttagttatgg cctatacact atttgtgagc aaagggtgatc
2640

gttttctgtt tgagatffff atctcttgat tcttcaaaag cattctgaga aggtgagata
2700

agccctgagt ctcagctacc taagaaaaac ctggatgtca ctggccactg aggagctttg
2760

tttcaaccaa gtcattgtga tttccacgtc aacagaattg tttattgtga cagttatatc
2820

tgttgtccct ttgaccttgt ttcttgaagg tttcctcgtc cctgggcaat tccgcattta
2880

attcatggta ttcaggatta catgcatggt tgggttaaacc catgagattc attcagttaa
2940

aatccagat ggcaaattgac cagcagattc aatctatgg tgggttgacc tttagagagt
3000

tgctttacgt ggctgtttc aacacagacc caccagagc cctcctgccc tccttcgcg
3060

ggggctttct catggctgtc cttcagggtc ttctgaaat gcagtgggtg ttacgctcca
3120

ccaagaaagc aggaaacctg tggatatgaag ccagacctcc ccggcgggcc tcagggaaca
3180

gaatgatcag acctttgaat gattctaatt ttttaagcaaa atattatfff atgaaagggt
3240

tacattgtca aagtgatgaa tatggaatat ccaatcctgt gctgctatcc tgccaaaatc

3300
attttaatgg agtcagtttg cagtatgctc cacgtggtaa gacctccaa gctgctttag
3360
aagtaacaat gaagaacgtg gacgctttta atataaagcc tgttttgtct tctgttggtg
3420
ttcaaacggg attcacagag tatttgaaaa atgtatatat attaagaggt cacgggggct
3480
aattgctggc tggctgcctt ttgctgtggg gttttgttac ctggttttaa taacagtaaa
3540
tgtgccagc ctcttgccc cagaactgta cagtattgtg gctgcacttg ctctaagagt
3600
agttgatgtt gcattttcct tattgttaaa aacatgtag aagcaatgaa tgtatataaa
3660
agcctcaact agtcattttt ttctcctctt cttttttttc attatatcta attattttgc
3720
agttgggcaa cagagaacca tccctatttt gtattgaaga gggattcaca tctgcatctt
3780
aactgctctt tatgaatgaa aaaacagtcc tctgtatgta ctctcttta cactggccag
3840
ggcagagtt aaatagagta tatgcacttt ccaaattggg gacaagggtc ctaaaaaaag
3900
cccaaaaagg agaagaacat ctgagaacct cctcgccct cccagtcctt cgctgcacaa
3960
atactccgca agagaggcca gaatgacagc tgacagggtc tatggccatc gggtcgtctc
4020
cgaagatttg gcaggggcag aaaactctgg caggcttaag atttgggaata aagtcacaga
4080
atcaaggaag cacctcaatt tagttcaaac aagacgcaa cattctctcc acagtcact
4140
tacctctctg tgttcagatg tggccttcca tttatatgtg atctttgttt tattagtaaa
4200
tgcttatcat ctaaagatgt agctctggcc cagtgggaaa aattaggaag tgattataaa

4260

tcgagaggag ttataataat caagattaaa tgtaaataat cagggcaatc ccaacacatg
4320

tctagctttc acctccagga tctattgagt gaacagaatt gcaaatagtc tctatttgta
4380

attgaactta tcctaaaaca aatagtttat aaatgtgaac ttaaactcta attaattcca
4440

actgtacttt taaggcagtg gctgttttta gactttctta tcacttatag ttagtaatgt
4500

acacctactc tatcagagaa aaacaggaaa ggctcgaaat acaagccatt ctaaggaaat
4560

tagggagtca gttgaaattc tattctgac tttattctgtg gtgtcttttg cagcccagac
4620

aaatgtggtt acacactttt taagaaatac aattctacat tgtcaagctt atgaagggtc
4680

caatcagatc tttattgtta ttcaatttgg atctttcagg gatttttttt ttaaattatt
4740

atgggacaaa ggacatttgt tggaggggtg ggaggaggga acaattttta aatataaaac
4800

attcccaagt ttggatcagg gagttggaag ttttcagaat aaccagaact aagggtatga
4860

aggacctgta ttgggggtcga tgtgatgcct ctgcgaagaa ccttggtgtga caaatgagaa
4920

acattttgaa gtttgtggta cgacctttag attccagaga catcagcatg gctcaaagtg
4980

cagctccggt tggcagtgca atggtataaa tttcaagctg gatatgtcta atgggtattt
5040

aaacaataaa tgtgcagttt taactaacag gatatttaat gacaaccttc tggttggtag
5100

ggacatctgt ttctaaatgt ttattatgta caatacagaa aaaaatttta taaaattaag
5160

caatgtgaaa ctgaattgga gagtgataat acaagtcctt tagtcttacc cagtgaatca

5220

ttctgttcca tgtctttgga caaccatgac cttggacaat catgaaatat gcatctcact
5280

ggatgcaaag aaaatcagat ggagcatgaa tggtagtgta ccggttcacg tggactgccc
5340

cagaaaaata acttcaagca aacatcctat caacaacaag gttgttctgc ataccaagct
5400

gagcacagaa gatgggaaca ctggtggagg atggaaaggc tcgctcaatc aagaaaattc
5460

tgagactatt aataaataag actgtagtgt agatactgag taaatccatg cacctaaacc
5520

ttttggaaaa tctgccgtgg gccctccaga tagctcattt cattaagttt ttccctccaa
5580

ggtagaatTT gcaagagtga cagtggattg catttctttt ggggaagctt tcttttggtg
5640

gtttgtttta ttataccttc ttaagttttc aaccaagggt tgcttttggt ttgagttact
5700

ggggttatTT ttgtttttaa taaaaataag tgtacaataa gtgtttttgt attgaaagct
5760

tttgttatca agattttcat acttttacct tccatggctc tttttaagat tgatactttt
5820

aagaggTggc tgatattctg caacactgta cacataaaaa atacggtaag gatactttac
5880

atggttaagg taaagtaagt ctccagttgg ccaccattag ctataatggc actttgtttg
5940

tgttgttggg aaaagtcaca ttgccattaa actttccttg tctgtctagt taatattgtg
6000

aagaaaaata aagtacagtg tgagatactg
6030

<210> 8

<211> 2610

<212> DNA

<213> Homo sapiens

<400> 8

atcctgggac agggcacagg gccatctgtc accaggggct tagggaaggc cgagccagcc
60

tgggtcaaag aagtcaaagg ggctgcctgg aggaggcagc ctgtcagctg gtgcatcaga
120

ggctgtggcc aggccagctg ggctcgggga gcgccagcct gagaggagcg cgtgagcgtc
180

gcgggagcct cgggcaccat gagcgacgtg gctattgtga aggagggttg gctgcacaaa
240

cgaggggagt acatcaagac ctggcggcca cgctacttcc tcctcaagaa tgatggcacc
300

ttcattggct acaaggagcg gccgcaggat gtggaccaac gtgaggctcc cctcaacaac
360

ttctctgtgg cgcagtgcc a gctgatgaag acggagcggc cccggcccaa caccttcac
420

atccgtgcc tgcagtggac cactgtcatc gaacgcacct tccatgtgga gactcctgag
480

gagcgggagg agtggacaac cgccatccag actgtggctg acggcctcaa gaagcaggag
540

gaggaggaga tggacttccg gtcgggctca cccagtgaca actcaggggc tgaagagatg
600

gaggtgtccc tggccaagcc caagcaccgc gtgaccatga acgagtttga gtacctgaag
660

ctgctgggca agggcacttt cggcaagggtg atcctgggtga aggagaaggc cacaggccgc
720

tactacgcca tgaagatcct caagaaggaa gtcacgtgg ccaaggacga ggtggcccac
780

acactcaccg agaaccgcgt cctgcagaac tccaggcacc ccttcctcac agccctgaag
840

tactctttcc agaccacga ccgcctctgc tttgtcatgg agtacgccaa cgggggagag
900

ctgttcttcc acctgtcccg ggaacgtgtg ttctccgagg accgggcccg cttctatggc
960

gctgagattg tgtcagccct ggactacctg cactcggaga agaacgtggt gtaccgggac
1020

ctcaagctgg agaacctcat gctggacaag gacgggcaca ttaagatcac agacttcggg
1080

ctgtgcaagg aggggatcaa ggacggtgcc accatgaaga ccttttgcgg cacacctgag
1140

tacctggccc ccgagggtgct ggaggacaat gactacggcc gtgcagtgga ctggtggggg
1200

ctgggcgtgg tcatgtacga gatgatgtgc ggtcgcttgc ctttctacaa ccaggaccat
1260

gagaagcttt ttgagctcat cctcatggag gagatccgct tcccgcgcac gcttgggtccc
1320

gaggccaagt ccttgctttc agggctgctc aagaaggacc ccaagcagag gcttggcggg
1380

ggctccgagg acgccaagga gatcatgcag catcgcttct ttgccggtat cgtgtggcag
1440

cacgtgtacg agaagaagct cagcccaccc ttcaagcccc aggtcacgtc ggagactgac
1500

accaggtatt ttgatgagga gttcacggcc cagatgatca ccatcacacc acctgaccaa
1560

gatgacagca tggagtgtgt ggacagcgag cgcaggcccc acttccccca gttctcctac
1620

tcggccagca gcacggcctg aggcggcggt ggactgcgct ggacgatagc ttggagggat
1680

ggagaggcgg cctcgtgcca tgatctgtat ttaatggttt ttatttctcg ggtgcatttg
1740

agagaagcca cgctgtcctc tcgagcccag atggaaagac gtttttgtgc tgtgggcagc
1800

accctcccc gcagcggggg agggaagaaa actatcctgc gggttttaat ttatttcac
1860

cagtttggtc tccgggtgtg gcctcagccc tcagaacaat ccgattcacg tagggaaatg
1920

ttaaggactt ctacagctat gcgcaatgtg gcattggggg gccgggcagg tcctgcccac
1980

gtgtcccctc actctgtcag ccagccgccc tgggctgtct gtcaccagct atctgtcatc
2040

tctctggggc cctgggcctc agttcaacct ggtggcacca gatgcaacct cactatggta
2100

tgctggccag caccctctcc tgggggtggc aggcacacag cagcccccca gcactaaggc
2160

cgtgtctctg aggacgtcat cggaggctgg gccctggga tgggaccagg gatgggggat
2220

gggccagggt ttaccagtg ggacagagga gcaaggttta aatttgttat tgtgtattat
2280

gttgttcaaa tgcattttgg gggtttttaa tctttgtgac aggaaagccc tcccccttcc
2340

ccttctgtgt cacagttctt ggtgactgtc ccaccggagc ctccccctca gatgatctct
2400

ccacggtagc acttgacctt ttcgacgctt aacctttccg ctgtcgcccc aggcctccc
2460

tgactccctg tgggggtggc catccctggg cccctccacg cctcctggcc agacgtgcc
2520

gctgccgctg caccacggcg tttttttaca acattcaact ttagtatttt tactattata
2580

atataatatg gaaccttccc tccaaattct
2610

<210> 9

<211> 2575

<212> DNA

<213> Homo sapiens

<400> 9

ggaggaggaa gcaagcgagg gggctggttc ctgagcttcg caattcctgt gtcgccttct
60

gggctcccag cctgccgggt cgcattgatcc ctccggccgg agctgggtttt ttgcccagcc
120

accgcgaggc cggctgagtt accggcatcc ccgcagccac ctctctctcc gacctgtgat
180

acaaaagatc ttccgggggc tgcacctgcc tgcctttgcc taaggcggat ttgaatctct
240

ttctctccct tcagaatctt atcttggctt tggatcttag aagagaatca ctaaccagag
300

acgagactca gtgagtgagc aggtgttttg gacaatggac tggttgagcc catccctatt
360

ataaaaatgt ctgagagcaa ccgggagctg gtggttgact ttctctccta caagctttcc
420

cagaaaggat acagctggag tcagtttagt gatgtggaag agaacaggac tgaggcccca
480

gaagggactg aatcggagat ggagaccccc agtgccatca atggcaacct atcctggcac
540

ctggcagaca gccccgcggt gaatggagcc actggccaca gcagcagttt ggatgcccg
600

gaggtgatcc ccatggcagc agtaaagcaa gcgctgaggg aggcaggcga cgagtttgaa
660

ctgcggtacc ggcgggcatt cagtgacctg acatcccagc tccacatcac cccagggaca
720

gcatatcaga gctttgaaca ggtagtgaat gaactcttcc gggatggggg aaactggggg
780

cgcattgtgg cctttttctc ctccggcggg gcactgtgcg tggaaagcgt agacaaggag
840

atgcaggat tggtagtcg gatcgcagct tggatggcca cttacctgaa tgaccaccta
900

gagccttggg tccaggagaa cggcggctgg gatacttttg tggaaactcta tgggaacaat
960

gcagcagccg agagccgaaa gggccaggaa cgcttcaacc gctggttcct gacgggcatg
1020

actgtggccg gcgtggttct gctgggctca ctcttcagtc ggaaatgacc agacactgac
1080

catccactct accctcccac ccccttctct gctccaccac atcctccgtc cagccgccat
1140

tgccaccagg agaaccacta catgcagccc atgcccacct gcccatcaca gggttgggccc
1200

cagatctggc cccttgcagc tagttttcta gaatttatca cacttctgtg agacccccac
1260

acctcagttc ccttggcctc agaattcaca aaatttccac aaaatctgtc caaaggaggc
1320

tggcaggtat ggaaggggtt gtggctgggg gcaggagggc cctacctgat tgggtgaacc
1380

cttaccctt agcctccctg aaaatgtttt tctgccaggg agcttgaaag ttttcagaac
1440

cttttccca gaaaggagac tagattgcct ttgttttgat gtttgtggcc tcagaattga
1500

tcattttccc cccactctcc ccacactaac ctgggttccc tttccttcca tccctacccc
1560

ctaagagcca tttagggggc acttttgact agggattcag gctgcttggg ataaagatgc
1620

aaggaccagg actccctcct cacctctgga ctggctagag tcctcactcc cagtccaaat
1680

gtcctccaga agcctctggc tagaggccag cccacccag gagggagggg gctatagcta
1740

caggaagcac cccatgccaa agctaggggtg gcccttgcag ttcagcacca ccctagtccc
1800

ttccctccc tggctcccat gaccatactg agggaccaac tgggcccag acagatgccc
1860

cagagctgtt tatggcctca gctgcctcac ttcctacaag agcagcctgt ggcacttttg
1920

ccttgggctg ctctcatgg tgggttcagg ggactcagcc ctgaggtgaa agggagctat
1980

caggaacagc tatgggagcc ccaggggtctt ccctacctca ggcaggaagg gcaggaagga
2040

gagcctgctg catgggggtgg ggtagggctg actagaaggg ccagtcctgc ctggccaggc
2100

agatctgtgc cccatgcctg tccagcctgg gcagccaggc tgccaaggcc agagtggcct
2160

ggccaggagc tcttcaggcc tccctctctc ttctgtcca cccttggcct gtctcatccc
2220

caggggtccc agccaccccg ggctctctgc tgtacatatt tgagactagt tttattcct
2280

tgtgaagatg atatactatt tttgttaagc gtgtctgtat ttatgtgtga ggagctgctg
2340

gcttgacagt cgcggtgcacg tggagagctg gtgcccggag attggacggc ctgatgctcc
2400

ctcccctgcc ctgggccagg gaagctggcc gagggtcctg gctcctgagg ggcattctgcc
2460

cctcccccaa cccccacccc acacttgctc cagctctttg aaatagtctg tgtgaagggtg
2520

aaagtgcagt tcagtaataa actgtgttta ctcagtgaaa aaaaaaaaaa aaaaa
2575

<210> 10
<211> 22
<212> DNA
<213> Artificial

<220>
<223> BclP TFO

<400> 10
gggtgtgggg tutgtgtgtg gt
22

<210> 11
<211> 18
<212> DNA

<213> Artificial

<220>

<223> BclU TFO

<400> 11

ggtgtuttgg ttgggtgt
18

<210> 12

<211> 20

<212> DNA

<213> Artificial

<220>

<223> BclP second sequence

<400> 12

tugtgtgggt gtggtguggg
20

<210> 13

<211> 20

<212> DNA

<213> Artificial

<220>

<223> RT-PCR primer

<400> 13

tccggtattc gcagaagtcc
20

<210> 14

<211> 20

<212> DNA

<213> Artificial

<220>

<223> RT-PCT

<400> 14

atcagaagag gattcctgcc
20

<210> 15
 <211> 19
 <212> DNA
 <213> Artificial

<220>
 <223> RT-PCR

<400> 15
 tgatggagct cagaattcc
 19

<210> 16
 <211> 18
 <212> DNA
 <213> Artificial

<220>
 <223> RT-PCR

<400> 16
 tgcctctcct cacgttcc
 18

<210> 17
 <211> 42
 <212> PRT
 <213> Artificial

<220>
 <223> Oligo peptide fusion molecule 1

<400> 17

Asp Asp Asp Met Asn Ile Gln Met Leu Leu Glu Ala Ala Asp Tyr Leu
 1 5 10 15

Glu Arg Arg Glu Arg Glu Ala Glu His Gly Tyr Ala Ser Met Leu Pro
 20 25 30

Asp Asp Asp Pro Lys Lys Lys Arg Lys Val
 35 40

<210> 18
 <211> 42
 <212> PRT
 <213> Artificial

<220>
 <223> Oligo peptide fusion molecule 2

<400> 18

Asp	Asp	Asp	Pro	Lys	Lys	Lys	Arg	Lys	Val	Asp	Asp	Asp	Met	Asn	Ile
1				5					10					15	

Gln	Met	Leu	Leu	Glu	Ala	Ala	Asp	Tyr	Leu	Glu	Arg	Arg	Glu	Arg	Glu
			20					25					30		

Ala	Glu	His	Gly	Tyr	Ala	Ser	Met	Leu	Pro
		35					40		

<210> 19
 <211> 7
 <212> PRT
 <213> Artificial

<220>
 <223> SV40 T-antigen

<400> 19

Pro	Lys	Lys	Lys	Arg	Lys	Val
1				5		